



مدارس دارة السلام العالمية- الرياض  
**Daratassalam International,**  
**Delhi Public School – Riyadh**  
**Summer Holiday Homework (2020)**  
**Grade: X (CBSE)**



**SUBJECT: SOCIAL STUDIES**

**TOPIC: CONSUMER AWARENESS**

**Objectives:**

1. The overall objective of the project work is to help students gain an insight and pragmatic understanding of the theme and see all the Social Science disciplines from interdisciplinary perspective. It should also help in enhancing the Life Skills of the students.
2. Students are expected to apply the Social Science concepts that they have learnt over the years in order to prepare the project report.
3. If required, students may go out for collecting data and use different primary and secondary resources to prepare the project. If possible, various forms of art may be integrated in the project work.

**Topics to be covered under the project:**

- Meaning of Consumer
- Concept of Consumer Protection and Common Malpractices
- Need for Consumer Protection
- Consumer Movements (Case Studies to be mentioned)
- Causes of Consumer Exploitation
- Rights of Consumers
- Responsibilities of Consumers
- Ways and Means of Consumer Protection
- COPRA

**INDIVIDUAL FORMAL HANDWRITTEN REPORT**

**INSTRUCTIONS AND GUIDELINES TO ON HOW TO WRITE THE PROJECT:**

- The other side of the paper i.e. the left side should be used for pasting pictures, newspaper cuttings etc.
- However, lines to write/pictures/watermarks/borders can be printed.
- Cover page also has to be hand written.
- You can use charts/ coloured sheets/ any other paper.
- Cover page showing project title, student information, school and year.
- List of Content or Index
- Acknowledgement Preface – (In this section you may thank the people who have helped you in writing the report)
- Introduction – The Introduction should present the aim of the project and the background of investigation. It should explain why the project is important and interesting.
- Topics with suitable heading
- Planning and activities to be done during the project, if any / if required
- Conclusion – What have you understand about the project, its importance etc.
- Bibliography – This includes references to websites and books / articles consulted while writing the report. While mentioning the website - the correct web address and not just the name of the search engine should be mentioned.
- All photographs and sketches should be labelled and related to the theme.
- Question based on the project report will be asked as Viva test.

**Viva test on 7/7/2020**

**NOTE: Kindly be adhere to the submission date 9/7/2020**



- Étudier = .....
- S'intéresser = .....
- Soulager = .....
- Partir = .....
- Consommer = .....
- Encourager = .....
- Acheter = .....

IV- Ecrivez une lettre à un(e) ami(e) canadien(ne) lui parlant du système éducatif en France/ en Inde.

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V- Mettez ces pronoms relatifs dans des phrases:

- a- Lequel: .....
- b- Laquelle: .....
- c- Lesquels: .....
- d- Lesquelles: .....

VI- Mettez les pronoms : qui/que/ ou/ dont, dans des phrases.

- a- Qui .....
- b- Que .....
- c- Ou .....
- d- Dont.....

VII- Ton cousin t'a écrit il te parle de son travail et combien cela lui plaît, rédige cette lettre d'environ 80 mots.

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IX- Conjuguez ces verbes au plus que parfait :

- 1/ être
- Je    Nous
- Tu    Vous
- Il    Ils
- Elle    Elle

- 2/ avoir
- Je    Nous
- Tu    Vous
- Il    Ils
- Elle    Elle

- 3/emprunter
- Je    Nous
- Tu    Vous
- Il    Ils
- Elle    Elle

- 4/ Descendre.
- Je    Nous
- Tu    Vous
- Il    Ils
- Elle    Elle

- I- Complétez ces proverbes:
- a- Après la pluie .....
- b- Parler de la pluie .....
- c- Faire la pluie.....

II- Parlez des systèmes éducatifs en France et en Inde.  
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V- Mettez ces pronoms relatifs dans des phrases:

a- Lequel: .....

b- Laquelle: .....

c- Lesquels: .....

d- Lesquelles: .....

VI-Mettez les pronoms : qui/que/ ou/ dont, dans des phrases.

a- Qui  
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b- Que  
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VII- Ton cousin ta écrit il te parle de son travail et combien cela lui plait, rédige cette lettre d'environ 80 mots.

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1/ être

Je    Nous

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Elle Elle

2/ avoir  
 Je Nous  
 Tu Vous  
 Il Ils  
 Elle Elle  
 3/emprunter  
 Je Nous  
 Tu Vous  
 Il Ils  
 Elle Elle  
 4/ Descendre.  
 Je Nous  
 Tu Vous  
 Il Ils  
 Elle Elle

### Grade 10 URDU Second Language Holiday Homework 20-21

1- پانی کی آلودگی پر 200 الفاظ کا مضمون لکھیے۔

2- اردو زبان پر ایک جامع مضمون لکھیے۔

3- میر تقی میر کے 10 اشعار خوش خط لکھیے۔

### ENGLISH

S	Subjects	Assignments
1	Literature	Study about Ruskin Bond's life.
2	Literature	The Rime of the Ancient Mariner
3	Literature	The Mouse Trap by Agatha Christie
4	Advanced Writing Skills	Describe Idioms
5.	Advanced Writing Skills	Letters of Inquiry, Placing Order & Complaint

### GENERAL INSTRUCTIONS

- Study thoroughly about the life and works of an Indian author of British descent **Ruskin Bond**. {Word Limit 200—250}
- Read the poem, **The Rime of the Ancient Mariner by Samuel Taylor Coleridge** & make notes on it. {Word Limit 200—250}
- “Reading is a gift you can open again and again – Reading is a conversation. All books talk. But a good book listens as well”. To make you talk better and listen we strongly suggest you read a book “**The Mouse Trap**” by **Agatha Christie** and act as a critic through your review as we wanted to give you a good friend for summer vacation.
- Describe the difference of an idiom and proverb and go ahead to describe the following idioms/proverbs:**
  - Dot the I's & cross the t's
  - Don't put all your eggs in one basket
  - Brownie points
  - Clothes do not make a man
  - Keep your friends close, and your enemies closer
- Letter Writing:**

a) **Letter of Inquiry** - As a health-conscious person, you noticed an advertisement in the newspaper on yoga classes in your neighbourhood. Write a letter to the organizers enquiring about the duration of the course and other relevant details. You are Swapna/ Surender of 60, R K Puram, New Delhi.

b) **Letter of Placing Order:** You are Ms Sulekha Mathur, Head Librarian, Progressive Public School, Saket Branch, Court Road, Bareilly. You want to place an order for books and magazines for your library. Write a letter to Better English Store, Court Road, Bareilly placing an order for your library. Include details of items you wish to order.

c) **Letter of Complaint:** You are Sanika/Sanjay of Amrapali Royal, Indirapuram, Ghaziabad. You bought a new music system from M/s Gyan Electronics in your locality last week. Now the music system is not working well. The sound delivery is pathetic and it suddenly stops working. Write a letter to the dealer complaining about the same and requesting him to change the system as early as possible.

**Note:-**The assignments must be done in the English Language Notebook. Please DO NOT submit on loose sheets/files/folders. The homework must be presented neatly and creatively.

## TAMIL

1. Write an essay on disaster management. (Include pictures)

2. Write an essay on disadvantages of using plastics. (Include pictures)

(Minimum four pages each)

## MALAYALAM

ഉപന്യാസം തയ്യാറാക്കുക .

1. മാറുന്ന ലോകവും മാനവികതയും
2. വിദ്യാർത്ഥികളും രാഷ്ട്രീയവും

കത്ത് തയ്യാറാക്കുക .

1. ബാലാവകാശങ്ങളെക്കുറിച്ചു കുട്ടികൾക്ക് ഒരു ബോധവൽക്കരണ ക്ലാസ് സംഘടിപ്പിക്കണമെന്നാവശ്യപ്പെട്ടുകൊണ്ട് ബാലാവകാശ കമ്മീഷൻ ചെയർമാന് കത്ത് തയ്യാറാക്കുക .
2. വിദ്യാലയ കലാസാഹിത്യവേദിയുടെ സെക്രട്ടറിയായ താങ്കളുടെ നേതൃത്വത്തിൽ കുറ്റിപ്പുഴ കൃഷ്ണപിള്ള ജന്മദിനംസമുച്ചിതമായി ആചരിക്കുവാൻ തീരുമാനിച്ചു എന്ന് കരുതുക . സ്കൂൾ ബോർഡിൽ പ്രസിദ്ധീകരിക്കാൻ ഒരുക്ഷണക്കത്തു തയ്യാറാക്കുക

പത്രവാർത്ത തയ്യാറാക്കുക.

1. അതിജീവനമാണ് പ്രതിരോധത്തിന്റെ പ്രകടിത രൂപം . വൈകല്യങ്ങളെ അതിജീവിച്ചു പഞ്ചഗുസ്തി മത്സരത്തിൽജനറൽ വിഭാഗത്തിൽ ഒന്നാം സ്ഥാനം കരസ്ഥമാക്കിയ പൂർവ വിദ്യാർത്ഥി ജോബിൻ സെബാസ്റ്റ്യൻ നിങ്ങളുടെസ്കൂളിൽ സ്വീകരണം നൽകി എന്ന് കരുതുക . പ്രസ്തുത സമ്മേളനത്തിന്റെ പത്രവാർത്ത തയ്യാറാക്കുക .
2. ഒരു നാടോടി സ്ത്രീയെയും അവരുടെ കുട്ടിയെയും നാട്ടുകാർ പൊതിരെ തല്ലി .ഈ സംഭവത്തെ ഒരുപത്രവാർത്തയാക്കി മാറ്റുക .



## SUBJECT: PHYSICS

### 1 MARK QUESTIONS

1. Explain why a ray of light passing through the centre of curvature of a concave mirror, gets reflected along the same path.
2. Name the mirror that can be used to check theft in shops.
3. Why does a ray of light bend when it travels from one medium into another.
4. Is it possible to form a real image using a real object with a concave lens.
5. What is Tyndall effect?
6. When we enter a dark room coming from outside, immediately the things inside the room do not appear clear to our eyes. This is because
  - i) pupils do not open at all in the dark.
  - ii) pupils take time to adjust.
  - iii) light travels slower in a dark room.
  - iv) pupils open very quickly in the dark.
7. The phenomena of light responsible for the working of the human eye is
  - i) reflection
  - ii) refraction
  - iii) power of accommodation
  - iv) persistence of vision

### 2 marks question

1. The speed of light in a transparent medium is 0.6 times that of its speed in vacuum. What is the refractive index of the medium?
2. The refractive index of diamond with respect to glass is 1.6 and absolute refractive index of glass is 1.5. Find out the absolute refractive index of diamond.
3. Draw a ray diagram to show the position of the image when the object is placed between the focus and centre of curvature of a Concave mirror.
4. A ray of light enters into benzene from air. If the refractive index of benzene is 1.50, by what percent does the speed of light reduce on entering the benzene?

### 3 Marks questions

- Q.1 An object of size 7.0cm is placed at 27cm in front of a concave mirror of focal length 18cm. At what distance from the mirror should a screen be placed, so that a sharp focused image can be obtained? Find the size and the nature of the image.
- Q.2 A 2cm tall object is placed perpendicular to the principal axis of a convex lens of focal length 10cm. The distance of the object from the lens is 15cm. Find i) The nature, position and size of the image. ii) Also find its magnification.
- Q.3 If an object of 10cm height is placed at a distance of 36cm from a concave mirror of focal length 12cm, find the position, nature and height of the image
- Q.4 Noopur needs a lens of power -4.5D for correction of her vision.
- What kind of defect in vision is she suffering from?
  - What is the focal length and nature of the corrective lens?
  - Draw ray diagrams showing the (i) defected eye and (ii) correction for this defect.
  - What are the causes of this defect?
- Q.5 Rohit focused the image of a candle flame on a white screen using a convex lens. Noted down the position of the candle, screen and lens as under :

### SUBJECT: CHEMISTRY

**I. Write the balanced chemical equations and identify the type of chemical reaction in each of the following :**

- Iron (III) oxide reacts with aluminium and gives molten iron and aluminium oxide.**
- Chlorine gas is passed in aqueous potassium iodide solution to form potassium chloride solution and solid iodine.**
- Phosphorous burns in presence of chlorine gas to form phosphorous pentachloride.**

**II. Answer the following questions:**

- What is aqua-regia?**
- Name the chemical used in acid fire extinguisher and gas evolved from it?**
- Why do we store silver chloride in dark coloured bottles?**

**III. Write the chemical formula of the following compounds.**

- sodium acetate**
- Washing soda**
- Bleaching powder**
- King of chemical**
- Lime stone**

#### **IV. Answer the following questions:**

**(a) An ore on treatment with dilute hydrochloric acid produces brisk effervescence. What type of ore is this? What steps will be required to obtain metal from the enriched ore.**

**(b) Copper coin is kept immersed in silver nitrate solution for some time. What change will take place in coin and colour of the solution? Write balanced chemical equation of the reaction involved.**

**(c) Suggest a method of reduction for the following metals during their metallurgical processes:**

**(i) metal 'A' which is one of the last, second or third position in the reactivity.**

**(ii) metal 'B' which gives vigorous reaction even with water and air.**

**(iii) metal 'C' which is kept in the middle of activity series.**

#### **SUBJECT: BIOLOGY**

#### **PRACTICAL'S: TO BE WRITTEN IN LAB RECORD BOOK**

1. Experimentally Show That Carbon Dioxide Is Given Out During Respiration
2. Studying Binary Fission In Amoeba And Budding In Hydra and Yeast With The Help Of Prepared Slides

#### **SUBJECT: MATHEMATICS**

1. Find HCF of two numbers experimentally based on Euclid's Division Lemma.
2. Find the Zeroes of a Quadratic Polynomial geometrically.
3. Obtain the conditions for number of solutions of a Pair of Linear Equations in Two Variables by an activity method.
4. Verification of Trigonometric Identity  $(\sin^2\theta + \cos^2\theta) = 1$  experimentally.
5. Trigonometric Ratios for  $30^\circ$ ,  $45^\circ$  and  $60^\circ$ .
6. Lengths of Tangents drawn from an external point to a Circle are equal.
7. Area of Sector formed at the vertices of a Triangle.
8. Surface Area of a Cone.
9. Volume of a Frustum of a Cone
10. Making of a Clinometer.